



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 16/666,490
Source: FFWO
Date Processed by STIC: 2/20/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

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TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

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1. EFS-Bio (<<http://www.uspto.gov/ebc/cfs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

DATE: 02/20/2004

PATENT APPLICATION: US/10/666,490

TIME: 08:10:10

Input Set : A:\SEQ LIST CEN0312NP 02-10-04.txt

Output Set: N:\CRF4\02202004\J666490.raw

3 <110> APPLICANT: Li, Jian;
 4 Mbow, Lamine;
 5 Goletz, Terry;
 6 Peritt, David
 8 <120> TITLE OF INVENTION: METHOD OF INDUCING MATURATION OF DENDRITIC CELLS AND USES THEREFOR
 10 <130> FILE REFERENCE: CEN0312 NP
 12 <140> CURRENT APPLICATION NUMBER: US 10/666,490
 13 <141> CURRENT FILING DATE: 2003-09-19
 15 <150> PRIOR APPLICATION NUMBER: 60/412,145
 W--> 16 <150> PRIOR APPLICATION NUMBER: 2002-09-19
 18 <160> NUMBER OF SEQ ID NOS: 5
 20 <170> SOFTWARE: PatentIn Ver 3.0

Does Not Comply
 Corrected Diskette Needed
 (pg. 1-5)

ERRORED SEQUENCES

22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 157
 24 <212> TYPE: PRT
 E--> 25 <213> ORGANISM: *please insert this mandatory numeric identification.*
 W--> 25 <400> SEQUENCE: 1

27	Tyr	Phe	Gly	Lys	Leu	Glu	Ser	Lys	Leu	Ser	Val	Ile	Arg	Asn	Leu	Asn
28	1				5					10					15	
30	Asp	Gln	Val	Leu	Phe	Ile	Asp	Gln	Gly	Asn	Arg	Pro	Leu	Phe	Glu	Asp
E--> 31	20			20		25			25		30			30		
33	Met	Thr	Asp	Ser	Asp	Cys	Arg	Asp	Asn	Ala	Pro	Arg	Thr	Ile	Phe	Ile
E--> 34			35					40					45			
36	Ile	Ser	Met	Tyr	Lys	Asp	Ser	Gln	Pro	Arg	Gly	Met	Ala	Val	Thr	Ile
E--> 37		50					55					60				
39	Ser	Val	Lys	Cys	Glu	Lys	Ile	Ser	Thr	Leu	Ser	Cys	Glu	Asn	Lys	Ile
E--> 40	65					70				75				80		
42	Ile	Ser	Phe	Lys	Glu	Met	Asn	Pro	Pro	Asp	Asn	Ile	Lys	Asp	Thr	Lys
E--> 43				85						90				95		
45	Ser	Asp	Ile	Ile	Phe	Phe	Gln	Arg	Ser	Val	Pro	Gly	His	Asp	Asn	Lys
E--> 46				100					105					110		
48	Met	Gln	Phe	Glu	Ser	Ser	Ser	Tyr	Glu	Gly	Tyr	Phe	Leu	Ala	Cys	Glu
E--> 49			115					120					125			
51	Lys	Glu	Arg	Asp	Leu	Phe	Lys	Leu	Ile	Leu	Lys	Lys	Glu	Asp	Glu	Leu
E--> 52		130					135						140			
54	Gly	Asp	Arg	Ser	Ile	Met	Phe	Thr	Val	Gln	Asn	Glu	Asp			
E--> 55	145					150						155				

58 <210> SEQ ID NO: 2
 59 <211> LENGTH: 224

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Input Set : A:\SEQ LIST CEN0312NP 02-10-04.txt

Output Set: N:\CRF4\02202004\J666490.raw

60 <212> TYPE: PRT
 E--> 61 <213> ORGANISM: - please insert this mandatory
 W--> 61 <400> SEQUENCE: 2 numeric identifier.

64 Glu Ser Cys Thr Ser Arg Pro His Ile Thr Val Val Glu Gly Glu Pro
 65 1 5 10 15
 67 Phe Tyr Leu Lys His Cys Ser Cys Ser Leu Ala His Glu Ile Glu Thr
 68 20 25 30
 70 Thr Thr Lys Ser Trp Tyr Lys Ser Ser Gly Ser Gln Glu His Val Glu
 71 35 40 45
 73 Leu Asn Pro Arg Ser Ser Ser Arg Ile Ala Leu His Asp Cys Val Leu
 74 50 55 60
 76 Glu Phe Trp Pro Val Glu Leu Asn Asp Thr Gly Ser Tyr Phe Phe Gln
 77 65 70 75 80
 79 Met Lys Asn Tyr Thr Gln Lys Trp Lys Leu Asn Val Ile Arg Arg Asn
 80 85 90 95
 82 Lys His Ser Cys Phe Thr Glu Arg Gln Val Thr Ser Lys Ile Val Glu
 83 100 105 110
 85 Val Lys Lys Phe Phe Gln Ile Thr Cys Glu Asn Ser Tyr Tyr Gln Thr
 86 115 120 125
 88 Leu Val Asn Ser Thr Ser Leu Tyr Lys Asn Cys Lys Lys Leu Leu Leu
 89 130 135 140
 91 Glu Asn Asn Lys Asn Pro Thr Ile Lys Lys Asn Ala Glu Phe Glu Asp
 92 145 150 155 160
 94 Gln Gly Tyr Tyr Ser Cys Val His Phe Leu His His Asn Gly Lys Leu
 95 165 170 175
 97 Phe Asn Ile Thr Lys Thr Phe Asn Ile Thr Ile Val Glu Asp Arg Ser
 98 180 185 190
 100 Asn Ile Val Pro Val Leu Leu Gly Pro Lys Leu Asn His Val Ala Val
 101 195 200 205
 103 Glu Leu Gly Lys Asn Val Arg Leu Asn Cys Ser Ala Leu Leu Asn Glu
 104 210 215 220

107 <210> SEQ ID NO: 3
 108 <211> LENGTH: 1102
 109 <212> TYPE: DNA
 E--> 110 <213> ORGANISM: - please insert this mandatory
 W--> 110 <400> SEQUENCE: 3 numeric identifier. same error

113 gcctggacag tcagcaagga attgtctccc agtgcatttt gccctcctgg ctgccaaactc 60
 115 tggetgctaa ageggetgcc acctgctgca gtctacacag ctcggggaag aggaaaggaa 120
 117 cctcagacct tccagatcgc ttctctcgc aacaaactat ttgtcgcagg aataaagatg 180
 119 gctgctgaac cagtagaaga caattgcac aactttgtgg caatgaaatt tattgacaat 240
 121 acgctttact ttatagctga agatgatgaa aacctggaat cagattactt tggcaagctt 300
 123 gaatcctaaat tatcagtcac aagaaatttg aatgaccaag ttctcttcac tgaccaagga 360
 125 aatcgccctc tatttgaga tatgactgat tctgactgta gagataatgc accccggacc 420
 127 atatttatta taagtatgta taaagatagc cagcctagag gtatggctgt aactatctct 480
 129 gtgaagtgtg agaaaatttc aactctctcc tgtgagaaca aaattatttc cttaaggaa 540
 131 atgaatcctc ctgataacat caaggataca aaaagtgaca tcatattctt tcagagaagt 600
 133 gtccaggac atgataataa gatgcaattt gaatcttcac catacgaagg atactttcta 660
 135 gcttggtgaaa aagagagaga ccttttttaa ctcattttga aaaaagagga tgaattgggg 720
 137 gatagatcta taatgttcac tgttcaaaac gaagactagc tattaaaatt tcatgccggg 780

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Input Set : A:\SEQ LIST CEN0312NP 02-10-04.txt

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139 cgcagtggct cagcctgta atcccagccc tttgggaggc tgaggcgggc agatcaccag 840
 141 aggtcaggtg ttcaagacca gcctgaccaa catggtgaaa cctcatctct actaaaaata 900
 143 ctaaaaatta gctgagtgtg gtgacgcatg cctcaatcc cagctactca agaggctgag 960
 145 gcaggagaat cacttgcaact cgggaggtag aggttgtggt gagccgagat tgcaccattg 1020
 147 cgctctagcc tgggcaacaa cagcaaaact ccatctcaaa aaataaaata aataaataaa 1080
 149 caaataaaaa attcataatg tg 1102

153 <210> SEQ ID NO: 4

154 <211> LENGTH: 310

155 <212> TYPE: PRT

E--> 156 <213> ORGANISM:

W--> 156 <400> SEQUENCE: 4

158 Cys Lys Glu Arg Glu Glu Lys Ile Ile Leu Val Ser Ser Ala Asn Glu
 159 1 5 10 15
 161 Ile Asp Val Arg Pro Cys Pro Leu Asn Pro Asn Glu His Lys Gly Thr
 162 20 25 30
 164 Ile Thr Trp Tyr Lys Asp Asp Ser Lys Thr Pro Val Ser Thr Glu Gln
 165 35 40 45
 167 Ala Ser Arg Ile His Gln His Lys Glu Lys Leu Trp Phe Val Pro Ala
 168 50 55 60
 170 Lys Val Glu Asp Ser Gly His Tyr Tyr Cys Val Val Arg Asn Ser Ser
 171 65 70 75 80
 173 Tyr Cys Leu Arg Ile Lys Ile Ser Ala Lys Phe Val Glu Asn Glu Pro
 174 85 90 95
 176 Asn Leu Cys Tyr Asn Ala Gln Ala Ile Phe Lys Gln Lys Leu Pro Val
 177 100 105 110
 179 Ala Gly Asp Gly Gly Leu Val Cys Pro Tyr Met Glu Phe Phe Lys Asn
 180 115 120 125
 182 Glu Asn Asn Glu Leu Pro Lys Leu Gln Trp Tyr Lys Asp Cys Lys Pro
 183 130 135 140
 185 Leu Leu Leu Asp Asn Ile His Phe Ser Gly Val Lys Asp Arg Leu Ile
 186 145 150 155 160
 188 Val Met Asn Val Ala Glu Lys His Arg Gly Asn Tyr Thr Cys His Ala
 189 165 170 175
 191 Ser Tyr Thr Tyr Leu Gly Lys Gln Tyr Pro Ile Thr Arg Val Ile Glu
 192 180 185 190
 194 Phe Ile Thr Leu Glu Glu Asn Lys Pro Thr Arg Pro Val Ile Val Ser
 195 195 200 205
 197 Pro Ala Asn Glu Thr Met Glu Val Asp Leu Gly Ser Gln Ile Gln Leu
 198 210 215 220
 200 Ile Cys Asn Val Thr Gly Gln Leu Ser Asp Ile Ala Tyr Trp Lys Trp
 201 225 230 235 240
 203 Asn Gly Ser Val Ile Asp Glu Asp Asp Pro Val Leu Gly Glu Asp Tyr
 204 245 250 255
 206 Tyr Ser Val Glu Asn Pro Ala Asn Lys Arg Arg Ser Thr Leu Ile Thr
 207 260 265 270
 209 Val Leu Asn Ile Ser Glu Ile Glu Ser Arg Phe Tyr Lys His Pro Phe
 210 275 280 285
 212 Thr Cys Phe Ala Lys Asn Thr His Gly Ile Asp Ala Ala Tyr Ile Gln
 213 290 295 300

-same error please insert

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Input Set : A:\SEQ LIST CEN0312NP 02-10-04.txt

Output Set: N:\CRF4\02202004\J666490.raw

215 Leu Ile Tyr Pro Val Thr
 216 305 310
 219 <210> SEQ ID NO: 5
 220 <211> LENGTH: 298
 221 <212> TYPE: PRT
 E--> 222 <213> ORGANISM: *same error please insert*
 W--> 222 <400> SEQUENCE: 5

225	Glu	Ser	Cys	Thr	Ser	Arg	Pro	His	Ile	Thr	Val	Val	Glu	Gly	Glu	Pro
226	1				5					10					15	
228	Phe	Tyr	Leu	Lys	His	Cys	Ser	Cys	Ser	Leu	Ala	His	Glu	Ile	Glu	Thr
229				20					25					30		
231	Thr	Thr	Lys	Ser	Trp	Tyr	Lys	Ser	Ser	Gly	Ser	Gln	Glu	His	Val	Glu
232				35				40					45			
234	Leu	Asn	Pro	Arg	Ser	Ser	Ser	Arg	Ile	Ala	Leu	His	Asp	Cys	Val	Leu
235		50					55					60				
237	Glu	Phe	Trp	Pro	Val	Glu	Leu	Asn	Asp	Thr	Gly	Ser	Tyr	Phe	Phe	Gln
238	65					70				75					80	
240	Met	Lys	Asn	Tyr	Thr	Gln	Lys	Trp	Lys	Leu	Asn	Val	Ile	Arg	Arg	Asn
241					85					90					95	
243	Lys	His	Ser	Cys	Phe	Thr	Glu	Arg	Gln	Val	Thr	Ser	Lys	Ile	Val	Glu
244				100					105					110		
246	Val	Lys	Lys	Phe	Phe	Gln	Ile	Thr	Cys	Glu	Asn	Ser	Tyr	Tyr	Gln	Thr
247			115					120					125			
249	Leu	Val	Asn	Ser	Thr	Ser	Leu	Tyr	Lys	Asn	Cys	Lys	Lys	Leu	Leu	Leu
250		130					135					140				
252	Glu	Asn	Asn	Lys	Asn	Pro	Thr	Ile	Lys	Lys	Asn	Ala	Glu	Phe	Glu	Asp
253	145					150					155				160	
255	Gln	Gly	Tyr	Tyr	Ser	Cys	Val	His	Phe	Leu	His	His	Asn	Gly	Lys	Leu
256				165						170					175	
258	Phe	Asn	Ile	Thr	Lys	Thr	Phe	Asn	Ile	Thr	Ile	Val	Glu	Asp	Arg	Ser
259			180						185					190		
261	Asn	Ile	Val	Pro	Val	Leu	Leu	Gly	Pro	Lys	Leu	Asn	His	Val	Ala	Val
262			195					200						205		
264	Glu	Leu	Gly	Lys	Asn	Val	Arg	Leu	Asn	Cys	Ser	Ala	Leu	Leu	Asn	Glu
265		210						215				220				
267	Glu	Asp	Val	Ile	Tyr	Trp	Met	Phe	Gly	Glu	Glu	Asn	Gly	Ser	Asp	Pro
268	225					230				235					240	
270	Asn	Ile	His	Glu	Glu	Lys	Glu	Met	Arg	Ile	Met	Thr	Pro	Glu	Gly	Lys
271				245						250					255	
273	Trp	His	Ala	Ser	Lys	Val	Leu	Arg	Ile	Glu	Asn	Ile	Gly	Glu	Ser	Asn
274			260						265					270		
276	Leu	Asn	Val	Leu	Tyr	Asn	Cys	Thr	Val	Ala	Ser	Thr	Gly	Gly	Thr	Asp
277			275					280						285		
279	Thr	Lys	Ser	Phe	Ile	Leu	Val	Arg	Lys	Ala						
280		290						295								

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/666,490

DATE: 02/20/2004

TIME: 08:10:11

Input Set : A:\SEQ LIST CEN0312NP 02-10-04.txt

Output Set: N:\CRF4\02202004\J666490.raw

L:16 M:289 W: Identifier Missing or Out-Of-Order, <150> PRIOR APP FILING DATE
L:25 M:282 E: Numeric Field Identifier Missing, <213> is required. ✓
L:25 M:283 W: Missing Blank Line separator, <400> field identifier
L:31 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1 ✓
M:332 Repeated in SeqNo=1
L:61 M:282 E: Numeric Field Identifier Missing, <213> is required.
L:61 M:283 W: Missing Blank Line separator, <400> field identifier
L:110 M:282 E: Numeric Field Identifier Missing, <213> is required. ✓
L:110 M:283 W: Missing Blank Line separator, <400> field identifier
L:156 M:282 E: Numeric Field Identifier Missing, <213> is required. ✓
L:156 M:283 W: Missing Blank Line separator, <400> field identifier
L:222 M:282 E: Numeric Field Identifier Missing, <213> is required. ✓
L:222 M:283 W: Missing Blank Line separator, <400> field identifier